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<https://github.com/madler/zlib>  
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/\* zlib.h -- interface of the 'zlib' general purpose compression library  
version 1.2.11, January 15th, 2017

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## 1.3 system-security-cryptography-encoding

### 4.3.0

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## 1.4 system-security-cryptography-algorithms

### 4.3.0

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/\* zlib.h -- interface of the 'zlib' general purpose compression library  
version 1.2.11, January 15th, 2017

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Bit Twiddling Hacks

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seander@cs.stanford.edu

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# 1.6 microsoft-win32-registry 4.4.0

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```
new XElement("TITLE", "The Tragedy of Hamlet, Prince of Denmark"),
new XElement("fm",
  new XElement("p", "Text placed in the public domain by Moby Lexical Tools, 1992."),
  new XElement("p", "SGML markup by Jon Bosak, 1992-1994."),
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)
```

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<https://github.com/madler/zlib>  
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/\* zlib.h -- interface of the 'zlib' general purpose compression library  
version 1.2.11, January 15th, 2017

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/\* zlib.h -- interface of the 'zlib' general purpose compression library  
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# 1.10 system-buffers 4.5.1

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/\* zlib.h -- interface of the 'zlib' general purpose compression library  
version 1.2.11, January 15th, 2017

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/\* zlib.h -- interface of the 'zlib' general purpose compression library  
version 1.2.11, January 15th, 2017

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## 1.12 system-numeric-vectors 4.5.0

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# 1.13 system-net-http 4.3.4

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\* Added generation of field number constants.

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\* Fixes for Solaris 10 32/64-bit confusion.  
Evan Jones <evanj@mit.edu>  
\* Optimize Java serialization code when writing a small message to a stream.  
\* Optimize Java serialization of strings so that UTF-8 encoding happens only once per string per serialization call.  
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William Orr <will@worrbase.com>  
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\* Provide a type alias field ValueType  
on EnumTypeWrapper  
\* Match service argument names to abstract interface  
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# 1.15 asyncio 0.1.26

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/\* zlib.h -- interface of the 'zlib' general purpose compression library  
version 1.2.11, January 15th, 2017

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# 1.21 system-io-pipes-accesscontrol 4.4.0

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[http://zlib.net/zlib\\_license.html](http://zlib.net/zlib_license.html)

/\* zlib.h -- interface of the 'zlib' general purpose compression library  
version 1.2.11, January 15th, 2017

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## 1.22 system-reflection-emit-ilgeneration 4.7.0

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## 1.23 system-reflection-emit-lightweight 4.7.0

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/\* zlib.h -- interface of the 'zlib' general purpose compression library  
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/\* zlib.h -- interface of the 'zlib' general purpose compression library  
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<http://www.cl.cam.ac.uk/~mr10/Bench/README>

Please feel free to re-implement this benchmark in any language you choose. I would be happy to incorporate such translations into this distribution together with their timing/size results.

Martin Richards  
23 February 2007

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```
<Project Sdk="Microsoft.NET.Sdk">
  <PropertyGroup>
    <OutputType>Exe</OutputType>
    <ApplicationManifest>App.manifest</ApplicationManifest>
  </PropertyGroup>
```

```

<ItemGroup>
  <Compile Include="Program.cs" />
  <Compile Include="..\..\ServerContracts/Server.CoClasses.cs" />
  <Compile Include="..\..\ServerContracts/Server.Contracts.cs" />
  <Compile Include="..\..\ServerContracts/ServerGuids.cs" />
</ItemGroup>
<ItemGroup>
  <CMakeProjectReference Include="..\..\NativeServer/CMakeLists.txt" />
  <ProjectReference Include="$(TestSourceDir)Common/CoreCLRTestLibrary/CoreCLRTestLibrary.csproj" />
</ItemGroup>
</Project>

```

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```

new XElement("TITLE", "The Tragedy of Hamlet, Prince of Denmark"),
new XElement("fm",
  new XElement("p", "Text placed in the public domain by Moby Lexical Tools, 1992."),
  new XElement("p", "SGML markup by Jon Bosak, 1992-1994."),
  new XElement("p", "XML version by Jon Bosak, 1996-1997."),
  new XElement("p", "This work may be freely copied and distributed worldwide.")
)
<Project Sdk="Microsoft.Build.NoTargets">

  <UsingTask TaskName="RegenerateThirdPartyNotices" AssemblyFile="$(InstallerTasksAssemblyPath)" />

  <Target Name="RegenerateThirdPartyNotices" AfterTargets="Build">
    <PropertyGroup>
      <TpnFile>$(InstallerProjectRoot)pkg\THIRD-PARTY-NOTICES.TXT</TpnFile>
    </PropertyGroup>

    <!--
      Repo configuration. Upstreams, but also more: the TPN in dotnet/runtime serves many repos outside
      its graph, because dotnet/runtime produces the installer that ends up placing the single TPN file
      in the dotnet home directory.
    -->

    <ItemGroup>
      <TpnRepo Include="dotnet/runtime" />
      <TpnRepo Include="dotnet/aspnetcore" />
      <TpnRepo Include="dotnet/installer" />

```

```

<TpnRepo Include="dotnet/roslyn-analyzers" />
<TpnRepo Include="dotnet/templating" />
<TpnRepo Include="dotnet/winforms" />
<TpnRepo Include="dotnet/wpf" />

<!--
  Additional repos that should be included but don't have any
third-party-notices files:
  dotnet/efcore
  dotnet/emsdk
  dotnet/extensions
  dotnet/icu
  dotnet/sdk
  dotnet/windowsdesktop
  dotnet/linker
-->

<TpnRepo Condition="'%(TpnRepo.Branch)' == '' Branch="main" />

<PotentialTpnPath Include="THIRD-PARTY-NOTICES.TXT" />
<PotentialTpnPath Include="THIRD-PARTY-NOTICES.txt" />
<PotentialTpnPath Include="THIRD-PARTY-NOTICES" />
<PotentialTpnPath Include="THIRDPARTYNOTICES.TXT" />
<PotentialTpnPath Include="THIRDPARTYNOTICES.txt" />
</ItemGroup>

<RegenerateThirdPartyNotices
  TpnFile="$(TpnFile)"
  PotentialTpnPaths="@ (PotentialTpnPath)"
  TpnRepos="@ (TpnRepo)" />

<Message Text="$(MSBuildProjectName) -> $(TpnFile)" Importance="High" />
</Target>

</Project>
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<https://github.com/dosvidos/SciMark>

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Chris Re (cmr28@cornell.edu) and Werner Vogels (vogels@cs.cornell.edu)

For details on the original authors see <http://math.nist.gov/scimark2>

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Use: <https://github.com/mono/mono/blob/23e6f6f4b58d72800f4e27fa29a6b58806ff475f/mono/mini/bench.cs#L65>

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<https://github.com/santoshshahoo/nbench> (mirror of the same code)

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\*\* Rick Grehan, BYTE Magazine

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\*\* Create:

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/\* zlib.h -- interface of the 'zlib' general purpose compression library  
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/\* zlib.h -- interface of the 'zlib' general purpose compression library  
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<http://www.cl.cam.ac.uk/~mr10/Bench/README>

Please feel free to re-implement this benchmark in any language you

choose. I would be happy to incorporate such translations into this distribution together with their timing/size results.

Martin Richards

23 February 2007

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```
<Project Sdk="Microsoft.NET.Sdk">
  <PropertyGroup>
    <OutputType>Exe</OutputType>
    <ApplicationManifest>App.manifest</ApplicationManifest>
  </PropertyGroup>
  <ItemGroup>
    <Compile Include="Program.cs" />
    <Compile Include="..\..\ServerContracts/Server.CoClasses.cs" />
    <Compile Include="..\..\ServerContracts/Server.Contracts.cs" />
    <Compile Include="..\..\ServerContracts/ServerGuids.cs" />
  </ItemGroup>
</Project>
```

```
</ItemGroup>
<ItemGroup>
  <CMakeProjectReference Include="../../NativeServer/CMakeLists.txt" />
  <ProjectReference Include="$(TestSourceDir)Common/CoreCLRTestLibrary/CoreCLRTestLibrary.csproj" />
</ItemGroup>
</Project>
```

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```
new XElement("TITLE", "The Tragedy of Hamlet, Prince of Denmark"),
new XElement("fm",
  new XElement("p", "Text placed in the public domain by Moby Lexical Tools, 1992."),
  new XElement("p", "SGML markup by Jon Bosak, 1992-1994."),
  new XElement("p", "XML version by Jon Bosak, 1996-1997."),
  new XElement("p", "This work may be freely copied and distributed worldwide.")
<Project Sdk="Microsoft.Build.NoTargets">
```

```
<UsingTask TaskName="RegenerateThirdPartyNotices" AssemblyFile="$(InstallerTasksAssemblyPath)" />
```

```
<Target Name="RegenerateThirdPartyNotices" AfterTargets="Build">
  <PropertyGroup>
    <TpnFile>$(InstallerProjectRoot)pkg\THIRD-PARTY-NOTICES.TXT</TpnFile>
  </PropertyGroup>
```

```
<!--
```

Repo configuration. Upstreams, but also more: the TPN in dotnet/runtime serves many repos outside its graph, because dotnet/runtime produces the installer that ends up placing the single TPN file in the dotnet home directory.

```
-->
```

```
<ItemGroup>
  <TpnRepo Include="dotnet/runtime" />
  <TpnRepo Include="dotnet/aspnetcore" />
  <TpnRepo Include="dotnet/installer" />
  <TpnRepo Include="dotnet/roslyn-analyzers" />
  <TpnRepo Include="dotnet/templating" />
  <TpnRepo Include="dotnet/winforms" />
  <TpnRepo Include="dotnet/wpf" />
```

```

<!--
  Additional repos that should be included but don't have any
third-party-notices files:
  dotnet/efcore
  dotnet/emsdk
  dotnet/extensions
  dotnet/icu
  dotnet/sdk
  dotnet/windowsdesktop
  dotnet/linker
-->

<TpnRepo Condition="'%(TpnRepo.Branch)' == '' Branch="main" />

<PotentialTpnPath Include="THIRD-PARTY-NOTICES.TXT" />
<PotentialTpnPath Include="THIRD-PARTY-NOTICES.txt" />
<PotentialTpnPath Include="THIRD-PARTY-NOTICES" />
<PotentialTpnPath Include="THIRDPARTYNOTICES.TXT" />
<PotentialTpnPath Include="THIRDPARTYNOTICES.txt" />
</ItemGroup>

<RegenerateThirdPartyNotices
  TpnFile="$(TpnFile)"
  PotentialTpnPaths="@ (PotentialTpnPath)"
  TpnRepos="@ (TpnRepo)" />

<Message Text="$(MSBuildProjectName) -> $(TpnFile)" Importance="High" />
</Target>

```

```
</Project>
```

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<https://github.com/dosvidos/SciMark>

```
<license>
```

This is a port of the SciMark2a Java Benchmark to C# by  
Chris Re (cmr28@cornell.edu) and Werner Vogels (vogels@cs.cornell.edu)

For details on the original authors see <http://math.nist.gov/scimark2>

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/\* zlib.h -- interface of the 'zlib' general purpose compression library  
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Martin Richards

23 February 2007

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jar/dagger/internal/AbstractMapFactory.java
* /opt/cola/permits/1720645246_1686746310.4057734/0/dagger-2-46-sources-
jar/dagger/internal/MapProviderFactory.java
* /opt/cola/permits/1720645246_1686746310.4057734/0/dagger-2-46-sources-jar/dagger/internal/Factory.java
*
/opt/cola/permits/1720645246_1686746310.4057734/0/dagger-2-46-sources-
jar/dagger/internal/MembersInjectors.java
* /opt/cola/permits/1720645246_1686746310.4057734/0/dagger-2-46-sources-jar/dagger/internal/SetFactory.java
* /opt/cola/permits/1720645246_1686746310.4057734/0/dagger-2-46-sources-
jar/dagger/internal/DelegateFactory.java
* /opt/cola/permits/1720645246_1686746310.4057734/0/dagger-2-46-sources-jar/dagger/internal/SingleCheck.java
* /opt/cola/permits/1720645246_1686746310.4057734/0/dagger-2-46-sources-jar/dagger/Component.java
* /opt/cola/permits/1720645246_1686746310.4057734/0/dagger-2-46-sources-jar/dagger/MapKey.java
* /opt/cola/permits/1720645246_1686746310.4057734/0/dagger-2-46-sources-
jar/dagger/internal/InstanceFactory.java
* /opt/cola/permits/1720645246_1686746310.4057734/0/dagger-2-46-sources-
jar/dagger/internal/DaggerCollections.java
* /opt/cola/permits/1720645246_1686746310.4057734/0/dagger-2-46-sources-jar/dagger/internal/MapFactory.java
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\* /opt/cola/permits/1720645246\_1686746310.4057734/0/dagger-2-46-sources-jar/dagger/package-info.java  
\* /opt/cola/permits/1720645246\_1686746310.4057734/0/dagger-2-46-sources-jar/dagger/multibindings/Multibinds.java  
\*  
/opt/cola/permits/1720645246\_1686746310.4057734/0/dagger-2-46-sources-jar/dagger/Subcomponent.java  
\* /opt/cola/permits/1720645246\_1686746310.4057734/0/dagger-2-46-sources-jar/dagger/multibindings/ClassKey.java  
\* /opt/cola/permits/1720645246\_1686746310.4057734/0/dagger-2-46-sources-jar/dagger/multibindings/StringKey.java  
\* /opt/cola/permits/1720645246\_1686746310.4057734/0/dagger-2-46-sources-jar/dagger/multibindings/LongKey.java  
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jar/dagger/internal/GwtIncompatible.java
 * /opt/cola/permits/1720645246_1686746310.4057734/0/dagger-2-46-sources-jar/dagger/BindsOptionalOf.java
 * /opt/cola/permits/1720645246_1686746310.4057734/0/dagger-2-46-sources-jar/dagger/assisted/package-info.java
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 /opt/cola/permits/1720645246_1686746310.4057734/0/dagger-2-46-sources-jar/dagger/multibindings/package-
info.java
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jar/dagger/multibindings/IntoMap.java
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jar/dagger/multibindings/ElementsIntoSet.java
 * /opt/cola/permits/1720645246_1686746310.4057734/0/dagger-2-46-sources-
jar/dagger/internal/ProviderOfLazy.java
 * /opt/cola/permits/1720645246_1686746310.4057734/0/dagger-2-46-sources-jar/dagger/multibindings/IntoSet.java
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- \* /opt/cola/permits/1720645246\_1686746310.4057734/0/dagger-2-46-sources-jar/dagger/MembersInjector.java

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# 1.30 musl various

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<https://github.com/madler/zlib>  
[http://zlib.net/zlib\\_license.html](http://zlib.net/zlib_license.html)

/\* zlib.h -- interface of the 'zlib' general purpose compression library  
version 1.2.11, January 15th, 2017

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<Project Sdk="Microsoft.Build.NoTargets">

<UsingTask TaskName="RegenerateThirdPartyNotices" AssemblyFile="\$(InstallerTasksAssemblyPath)" />

<Target Name="RegenerateThirdPartyNotices" AfterTargets="Build">

<PropertyGroup>

<TpnFile>\$(InstallerProjectRoot)pkg\THIRD-PARTY-NOTICES.TXT</TpnFile>

</PropertyGroup>

<!--

Repo configuration. Upstreams, but also more: the TPN in dotnet/runtime serves many repos outside  
its graph, because dotnet/runtime produces the installer that ends up placing the single TPN file  
in the dotnet home directory.

-->

<ItemGroup>

<TpnRepo Include="dotnet/runtime" />

<TpnRepo Include="dotnet/aspnetcore" />

<TpnRepo Include="dotnet/installer" />

<TpnRepo Include="dotnet/roslyn-analyzers" />

<TpnRepo Include="dotnet/templating" />

<TpnRepo Include="dotnet/winforms" />

<TpnRepo Include="dotnet/wpf" />

<TpnRepo Include="dotnet/linker" />

<!--

Additional repos that  
should be included but don't have any third-party-notices files:

dotnet/efcore

dotnet/emsdk

```
dotnet/extensions
dotnet/icu
dotnet/sdk
dotnet/windowsdesktop
-->
```

```
<TpnRepo Condition="'%(TpnRepo.Branch)' == '' Branch="main" />
```

```
<PotentialTpnPath Include="THIRD-PARTY-NOTICES.TXT" />
<PotentialTpnPath Include="THIRD-PARTY-NOTICES.txt" />
<PotentialTpnPath Include="THIRD-PARTY-NOTICES" />
<PotentialTpnPath Include="THIRDPARTYNOTICES.TXT" />
<PotentialTpnPath Include="THIRDPARTYNOTICES.txt" />
</ItemGroup>
```

```
<RegenerateThirdPartyNotices
  TpnFile="$(TpnFile)"
  PotentialTpnPaths="@ (PotentialTpnPath)"
  TpnRepos="@ (TpnRepo)" />
```

```
<Message Text="$(MSBuildProjectName) -> $(TpnFile)" Importance="High" />
</Target>
```

```
</Project>
```

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/\* zlib.h -- interface of the 'zlib' general purpose compression library  
version 1.2.12, March 27th, 2022

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in 2018 by David Blackman and Sebastiano Vigna (vigna@acm.org)

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## 1.36 google-protobuf 3.25.0

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## 1.37 grpc-core-api 2.59.0

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## 1.71 opentelemetry 1.7.0

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## 1.72 jab 0.10.2

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fileFormatVersion: 2

guid: 0cd839432d5c14e208690b1d14b1317d

PackageManifestImporter:

externalObjects: { }

userData:

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For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it becomes a de-facto standard. To achieve this, non-free programs must be allowed to use the library. A more frequent case is that a free library does the same job as widely used non-free libraries. In this case, there is little to gain by limiting the free library to free software only, so we use the Lesser General Public License.

In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large body of free software. For example, permission to use the GNU C Library in non-free programs enables many more people to use the whole GNU operating system, as well as its variant, the GNU/Linux operating system.

Although the Lesser General Public License is Less protective of the users' freedom, it does ensure that the user of a program that is linked with the Library has the freedom and the wherewithal to run that program using a modified version of the Library.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a ``work based on the library" and a ``work that uses the library". The former contains code derived from the library, whereas the latter must be combined with the library in order to run.

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A ``library" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables.

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either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term ``modification".)

``Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

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(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

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If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

@item

A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a ``work that uses the Library''. Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a ``work that uses the Library'' with the Library

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Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

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As an exception to the Sections above, you may also combine or link a ``work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

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@item

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@end enumerate

@subheading END OF TERMS AND CONDITIONS

@page

@subheading How to Apply These Terms to Your New Libraries

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@var{signature of Ty Coon}, 1 April 1990

Ty Coon, President of Vice

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